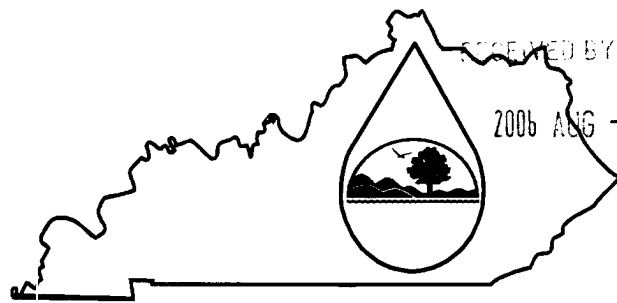


KPDES FORM 1

✓ A1-28



KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT APPLICATION

This is an application to: (check one)

- ☐ Apply for a new permit.
☒ Apply for reissuance of expiring permit.
☐ Apply for a construction permit.
☐ Modify an existing permit.

Give reason for modification under Item II.A.

A complete application consists of this form and one of the following:

Form A, Form B, Form C, Form F, or Short Form C

For additional information contact:

KPDES Branch (502) 564-3410

CHN 640-

I. FACILITY LOCATION AND CONTACT INFORMATION		AGENCY USE		D	D	D	1	6	4	3
A. Name of business, municipality, company, etc. requesting permit Austin Nichols & Company, Inc. (Wild turkey Distillery)										
B. Facility Name and Location						C. Facility Owner/Mailing Address				
Facility Location Name: Austin Nichols & company, Inc. (Wild Turkey Distillery)						Owner Name: Austin Nichols & company, Inc. (Wild Turkey Distillery)				
Facility Location Address (i.e. street, road, etc.): P.O. Box 180 1525 Tyrone Road						Mailing Street: P.O. Box 180 1525 Tyrone Road				
Facility Location City, State, Zip Code: Lawrenceburg, KY 40342						Mailing City, State, Zip Code: Lawrenceburg, KY 40342				
						Telephone Number: (502) 839-4544				

II. FACILITY DESCRIPTION

A. Provide a brief description of activities, products, etc: **Manufacture, aging, and bottling of distilled spirits.**

B. Standard Industrial Classification (SIC) Code and Description

Principal SIC Code & Description:	2085	Distilled, Rectified and/or Blended Liquor	
Other SIC Codes:			

III. FACILITY LOCATION

A. Attach a U.S. Geological Survey 7 1/2 minute quadrangle map for the site. (See instructions)	
B. County where facility is located: Anderson	City where facility is located (if applicable): Lawrenceburg
C. Body of water receiving discharge: Kentucky River	
D. Facility Site Latitude (degrees, minutes, seconds): 38° 2' 18"	Facility Site Longitude (degrees, minutes, seconds): 84° 50' 57"
E. Method used to obtain latitude & longitude (see instructions):	Topo map – Above is Main office location
F. Facility Dun and Bradstreet Number (DUNS #) (if applicable):	N/A

IV. OWNER/OPERATOR INFORMATION	
A. Type of Ownership: <input type="checkbox"/> Publicly Owned <input checked="" type="checkbox"/> Privately Owned <input type="checkbox"/> State Owned <input type="checkbox"/> Both Public and Private Owned <input type="checkbox"/> Federally owned	
B. Operator Contact Information (See instructions)	
Name of Treatment Plant Operator: Mr. Ron McCelland	Telephone Number: (502) 839-4947
Operator Mailing Address (Street): 205 Walker Lane	
Operator Mailing Address (City, State, Zip Code): Lawrenceburg, KY 40342	
Is the operator also the owner? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the operator certified? If yes, list certification class and number below. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Certification Class: Class IV	Certification Number: 8610

V. EXISTING ENVIRONMENTAL PERMITS		
Current NPDES Number: KY0001643	Issue Date of Current Permit: November 02, 1999	Expiration Date of Current Permit: January 31, 2007
Number of Times Permit Reissued: 6	Date of Original Permit Issuance: December 15, 1973	Sludge Disposal Permit Number: 003-00009
Kentucky DOW Operational Permit #: N/A	Kentucky DSMRE Permit Number(s): N/A	

C. Which of the following additional environmental permit/registration categories will also apply to this facility?

CATEGORY	EXISTING PERMIT WITH NO.	PERMIT NEEDED WITH PLANNED APPLICATION DATE
Air Emission Source	V-03-038	None
Solid or Special Waste	003-00009	None
Hazardous Waste - Registration or Permit	KYD985085422	None

VI. DISCHARGE MONITORING REPORTS (DMRs)	
KPDES permit holders are required to submit DMRs to the Division of Water on a regular schedule (as defined by the KPDES permit). The information in this section serves to specifically identify the department, office or individual you designate as responsible for submitting DMR forms to the Division of Water.	
A. Name of department, office or official submitting DMRs:	<div style="text-align: right;"> <i>+21742</i> <i>+2175</i> <i>+2174</i> </div> Gregg Snyder, John Rose or Jimmy Russell
B. Address where DMR forms are to be sent. (Complete only if address is different from mailing address in Section I.)	
DMR Mailing Name:	Austin Nichols & company, Inc. (Wild Turkey Distillery)
DMR Mailing Street:	P.O. Box 180 1525 Tyrone Road
DMR Mailing City, State, Zip Code:	Lawrenceburg, KY 40342
DMR Official Telephone Number:	(502) 839-4544

VII. APPLICATION FILING FEE

KPDES regulations require that a permit applicant pay an application filing fee equal to twenty percent of the permit base fee. Please examine the base and filing fees listed below and in the Form 1 instructions and enclose a check payable to "Kentucky State Treasurer" for the appropriate amount. Descriptions of the base fee amounts are given in the "General Instructions."

Facility Fee Category:

Filing Fee Enclosed:

Major Industry

\$640

VIII. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME AND OFFICIAL TITLE (type or print):

TELEPHONE NUMBER (area code and number):

Gregg Snyder, Vice President

502-839-4544

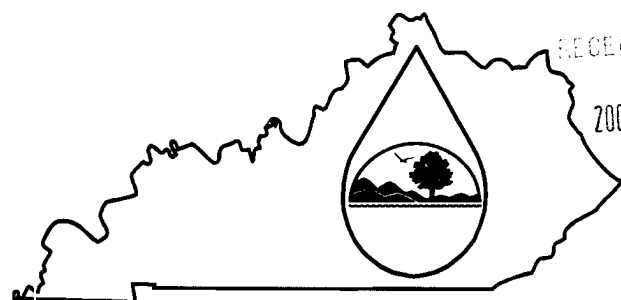
SIGNATURE



DATE:

8/1/2006

KPDES FORM C



RECEIVED BY KPDES BRANCH

2006 AUG -4 A 8: 52

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT APPLICATION

A complete application consists of this form and Form 1.
For additional information, contact KPDES Branch, (502) 564-3410.

Name of Facility: Austin Nichols, & Company, Inc. (Wild Turkey Distillery)	County: Anderson						
I. OUTFALL LOCATION	AGENCY USE						

For each outfall list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

Outfall No. (list)	LATITUDE			LONGITUDE			RECEIVING WATER (name)
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
001	38	2	24	84	50	48	Kentucky River
002	38	2	45	84	51	12	Kentucky River
003	38	2	18	84	51	5	Sinkhole, located on site
004	38	2	13	84	50	59	Highway Drainage Ditch

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

- A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfall. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.
- B. For each outfall, provide a description of: (1) all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) the average flow contributed by each operation; and (3) the treatment received by the wastewater. Continue on additional sheets if necessary.

OUTFALL NO. (list)	OPERATION(S) CONTRIBUTING FLOW		TREATMENT	
	Operation (list)	Avg/Design Flow (include units)	Description	List Codes Table C-1
001	Non-Contact Cooling Water	1.19/1.44 MGD	None	4-A
	Stormwater	Varies	None	4-A
002	Process and Sanitary	0.12/0.18 MGD	Three aerated lagoons in series, disinfected with chlorine, bisulfite dechlorination	3-B 2-F 4-A 5-P
003	Stormwater	Varies	None	4-A
004	Stormwater	Varies	None	4-A

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES (Continued)

C. Except for storm water runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?



Yes (Complete the following table.)



No (Go to Section III.)

OUTFALL NUMBER	OPERATIONS CONTRIBUTING FLOW	FREQUENCY		FLOW				
		Days Per Week	Months Per Year	Flow Rate (in mgd)		Total volume (specify with units)		Duration (in days)
				Long-Term Average	Maximum Daily	Long-Term Average	Maximum Daily	
(list)	(list)	(specify average)	(specify average)					
001	Non-Contact Cool During shut down	6-7 7	10 2	1.046 0.02	1.33 0.08			
002	Process& Sanitary During shut down	6-7 7	10 2	0.12 0.001	0.18 0.003			

III. MAXIMUM PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?



Yes (Complete Item III-B) List effluent guideline category:



No (Go to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measures of operation)?



Yes (Complete Item III-C)



No (Go to Section IV)

C. If you answered "Yes" to Item III-B, list the quantity which represents the actual measurement of your maximum level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

MAXIMUM QUANTITY			Affected Outfalls (list outfall numbers)
Quantity Per Day	Units of Measure	Operation, Product, Material, Etc. (specify)	

IV. IMPROVEMENTS

A. Are you now required by any federal, state or local authority to meet any implementation schedule for the construction, upgrading, or operation of wastewater equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders and grant or loan conditions.



Yes (Complete the following table)



No (Go to Item IV-B)

IDENTIFICATION OF CONDITION AGREEMENT, ETC.	AFFECTED OUTFALLS		BRIEF DESCRIPTION OF PROJECT	FINAL COMPLIANCE DATE	
	No.	Source of Discharge		Required	Projected
Agreement with Div. of Enforcement, EPPC	002	Wastewater treatment lagoons	See attached letter.	1/31/2007	1/31/2007

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding – Complete one set of tables for each outfall – Annotate the outfall number in the space provided.

NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered 5-18.

- D. Use the space below to list any of the pollutants (refer to SARA Title III, Section 313) listed in Table C-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

POLLUTANT	SOURCE	POLLUTANT	SOURCE
Sodium bsulfite	Added to water after weir for dechlorination in slight (<1 mg/L) excess at outfall 002		

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

- A. Is any pollutant listed in Item V-C a substance or a component of a substance which you use or produce, or expect to use or produce over the next 5 years as an immediate or final product or byproduct?

☐ Yes (List all such pollutants below)

☒ No (Go to Item VI-B)

- B. Are your operations such that your raw materials, processes, or products can reasonably be expected to vary so that your discharge of pollutants may during the next 5 years exceed two times the maximum values reported in Item V?

☐ Yes (Complete Item VI-C)

☒ No (Go to Item VII)

- C. If you answered "Yes" to Item VI-B, explain below and describe in detail to the best of your ability at this time the sources and expected levels of such pollutants which you anticipate will be discharged from each outfall over the next 5 years. Continue on additional sheets if you need more space.

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge of or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ Yes (Identify the test(s) and describe their purposes below)

☒ No (Go to Section VIII)

VIII. CONTRACT ANALYSIS INFORMATION


Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

☒ Yes (list the name, address, and telephone number of, and pollutants analyzed by each such laboratory or firm below)
 ☐ No (Go to Section IX)

NAME	ADDRESS	TELEPHONE (Area code & number)	POLLUTANTS ANALYZED (list)
Environmental Science Corp.	12065 Lebanon Road Mt. Juliet, TN 37122	(800) 767-5859	BOD TSS Ammonia
Fouser Environmental Services	400 Crossfield Drive Versailles, KY 40383	(859) 873-6211	Fecal Coliform BOD TSS Ammonia

IX. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME AND OFFICIAL TITLE (type or print):	TELEPHONE NUMBER (area code and number):
Gregg Snyder, Vice President	502-839-4544
SIGNATURE 	DATE 8/1/06 SES 8/1/2007

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued from page 3 of Form C)											OUTFALL NO.		001	
Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.														
1. POLLUTANT	2. EFFLUENT						3. UNITS (specify if blank)		4. INTAKE (optional)					
	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a.		b. No of Analyses		
	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass								
a. Biochemical Oxygen Demand (BOD)	5.0	----	5.0	----	5.0	----	1	mg/L	----	----	----	----		
b. Chemical Oxygen Demand (COD)	40	----	40	----	40	----	1	mg/L	----	----	----	----		
c. Total Organic Carbon (TOC)	5.3	----	5.3	----	5.3	----	1	mg/L	----	----	----	----		
d. Total Suspended Solids (TSS)	156	----	156	----	46	----	7	mg/L	----	----	----	----		
e. Ammonia (as N)	0.10	----	0.10	----	0.10	----	1	mg/L	----	----	----	----		
f. Flow (in units of MGD)	VALUE 1.331		VALUE 1.331		VALUE 1.046		21	MGD	VALUE ----		----			
g. Temperature (winter)	VALUE 95		VALUE 95		VALUE 92		21	°F	VALUE ----		----			
h. Temperature (summer)	VALUE 95		VALUE 95		VALUE 92		21	°F	VALUE ----		----			
i. pH	MINIMUM 7.5	MAXIMUM 7.9	MINIMUM 7.5	MAXIMUM 7.9			21	STANDARD UNITS						

*The Total Suspended Solids Maximum Value of 140 mg/L was due to heavy rainfall and silt buildup.

Part B - In the MARK "X" column, place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark the Believed Present column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS		6. INTAKE (optional)			
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
a. Bromide (24959-67-9)		X												
b. Bromine Total Residual		X												
c. Chloride		X												
d. Chlorine, Total Residual		X												
e. Color		X												
f. Fecal Coliform		X												
g. Fluoride (16984-48-8)		X												
h. Hardness (as CaCO ₃)		X												
i. Nitrate – Nitrite (as N)		X												
j. Nitrogen, Total Organic (as N)		X												
k. Oil and Grease	X		2.80	----	2.80	----	1.27	----	7	mg/L				
l. Phosphorous (as P), Total 7723-14-0		X												
m. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium Total		X												
(4) Radium, 226, Total		X												

Part B - Continued														
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT								4. UNITS		5. INTAKE (optional)	
			a. Maximum Daily Value (1) Concentration	b. (2) Mass	b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration			b. Mass	a. Long-Term Avg. Value (1) Concentration
					(1)	(2)	(1)	(2)			(1)	(2)		
n. Sulfate (as SO ₄) (14808-79-8)		X												
o. Sulfide (as S)		X												
p. Sulfite (as SO ₃) (14286-46-3)		X												
q. Surfactants		X												
r. Aluminum, Total (7429-90)		X												
s. Barium, Total (7440-39-3)		X												
t. Boron, Total (7440-42-8)		X												
u. Cobalt, Total (7440-48-4)		X												
v. Iron, Total (7439-89-6)	X		13.3	----		13.3	----		2.40	----		7	mg/L	
w. Magnesium Total (7439-96-4)		X												
x. Molybdenum Total (7439-98-7)		X												
y. Manganese, Total (7439-96-6)	X		0.34	----		0.34	----		0.08	----		7	mg/L	
z. Tin, Total (7440-31-5)		X												
aa. Titanium, Total (7440-32-6)		X												

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark “X” in the Testing Required column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark “X” in the Believed Present column for each pollutant you know or have reason to believe is present. Mark “X” in the Believed Absent column for each pollutant you believe to be absent. If you mark either the Testing Required or Believed Present columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
METALS, CYANIDE AND TOTAL PHENOLS																
1M. Antimony Total (7440-36-0)			X													
2M. Arsenic, Total (7440-38-2)			X													
3M. Beryllium Total (7440-41-7)			X													
4M. Cadmium Total (7440-43-9)			X													
5M. Chromium Total (7440-43-9)			X													
6M. Copper Total (7550-50-8)			X													
7M. Lead Total (7439-92-1)			X													
8M. Mercury Total (7439-97-6)			X													
9M. Nickel, Total (7440-02-0)			X													
10M. Selenium, Total (7782-49-2)			X													
11M. Silver, Total (7440-28-0)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a.		b. Maximum 30-Day		c. Long-Term Avg.		d. No. of Analyses	a. Concentration	b. Mass	a.		b. No. of Analyses
				Maximum Daily Value (1)	Value (2)	Value (if available) (1)	Value (if available) (2)	Value (if available) (1)	Value (if available) (2)				Long-Term Avg Value (1)	Value (2)	
METALS, CYANIDE AND TOTAL PHENOLS (Continued)															
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)			X												
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8 Tetra-chlorodibenzo, P, Dioxin (1784-01-6)			X	DESCRIBE RESULTS:											
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X												
5V. Bromoform (75-25-2)			X												
6V. Carbon Tetrachloride (56-23-5)			X												
7V. Chloro-benzene (108-90-7)			X												
8V. Chlorodibromomethane (124-48-1)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
9V. Chloroethane (74-00-3)			X												
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichloro- bromomethane (75-71-8)			X												
14V. 1,1- Dichloroethane (75-34-3)			X												
15V. 1,2- Dichloroethane (107-06-2)			X												
16V. 1,1- Dichlorethylene ^e (75-35-4)			X												
17V. 1,2-Di- chloropropane (78-87-5)			X												
18V. 1,3- Dichloropro- pylene (452-75-6)			X												
19V. Ethyl- benzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)			X												
22V. Methylene Chloride (75-00-2)			X												
23V. 1,1,2,2- Tetrachloro- ethane (79-34-5)			X												
24V. Tetrachloro- ethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2- Trans- Dichloro- ethylene (156-60-5)			X												
27V. 1,1,1-Tri- chloroethane (71-55-6)			X												
28V. 1,1,2-Tri- chloroethane (79-00-5)			X												
29V. Trichloro- ethylene (79-01-6)			X												
30V. Vinyl Chloride (75-01-4)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
GC/MS FRACTION – ACID COMPOUNDS																
1A. 2-Chloro-phenol (95-57-8)			X													
2A. 2,4-Dichloro-Orophenol (120-83-2)			X													
3A. 2,4-Dimeth-ylphenol (105-67-9)			X													
4A. 4,6-Dinitro-o-cresol (534-52-1)			X													
5A. 2,4-Dinitro-phenol (51-28-5)			X													
6A. 2-Nitro-phenol (88-75-5)			X													
7A. 4-Nitro-phenol (100-02-7)			X													
8A. P-chloro-m-cresol (59-50-7)			X													
9A. Pentachloro-phenol (87-88-5)			X													
10A. Phenol (108-05-2)			X													
11A. 2,4,6-Tri-chlorophenol (88-06-2)			X													
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS																
1B. Acena-phthene (83-32-9)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value (1) (2)		b. Maximum 30-Day Value (if available) (1) (2)		c. Long-Term Avg. Value (if available) (1) (2)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value (1) (2)		b. No. of Analyses	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)																
2B. Acena- phytene (208-96-8)			X													
3B. Anthra- cene (120-12-7)			X													
4B. Benzidine (92-87-5)			X													
5B. Benzo(a)- anthracene (56-55-3)			X													
6B. Benzo(a)- pyrene (50-32-8)			X													
7B. 3,4-Benzo- fluoranthene (205-99-2)			X													
8B. Benzo(ghi) perylene (191-24-2)			X													
9B. Benzo(k)- fluoranthene (207-08-9)			X													
10B. Bis(2- chlor- oethoxy)- methane (111-91-1)			X													
11B. Bis (2-chlor- oisopropyl)- Ether			X													
12B. Bis (2-ethyl- hexyl)- phthalate (117-81-7)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass							
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)																
13B. 4-Bromo-phenyl Phenyl ether (101-55-3)			X													
14B. Butyl-benzyl phthalate (85-68-7)			X													
15B. 2-Chloro-naphthalene (7005-72-3)			X													
16B. 4-Chloro-phenyl phenyl ether (7005-72-3)			X													
17B. Chrysene (218-01-9)			X													
18B. Dibenzo-(a,h) Anthracene (53-70-3)			X													
19B. 1,2-Dichloro-benzene (95-50-1)			X													
20B. 1,3-Dichloro-Benzene (541-73-1)			X													
21B. 1,4-Dichloro-benzene (106-46-7)			X													
22B. 3,3-Dichloro-benzidene (91-94-1)			X													
23B. Diethyl Phthalate (84-66-2)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)																
24B. Dimethyl Phthalate (131-11-3)			X													
25B. Di-N- butyl Phthalate (84-74-2)			X													
26B. 2,4-Dinitro- toluene (121-14-2)			X													
27B. 2,6-Dinitro- toluene (606-20-2)			X													
28B. Di-n-octyl Phthalate (117-84-0)			X													
29B. 1,2- diphenyl- hydrazine (as azonbenzene) (122-66-7)			X													
30B. Fluoranthene (208-44-0)			X													
31B. Fluorene (86-73-7)			X													
32B. Hexachloro- benzene (118-71-1)			X													
33B. Hexachloro- butadiene (87-68-3)			X													
34B. Hexachloro- cyclopenta- diene (77-47-4)			X													

Part C – Continued															
1. POLLUTANT And CAS NO. (if available)	2. MARK “X”			3. EFFLUENT								4. UNITS		5. INTAKE (optional)	
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value (1)	(2)	b. Maximum 30-Day Value (if available) (1)	(2)	c. Long-Term Avg. Value (if available) (1)	(2)	d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value (1)	(2)	b. No. of Analyses
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
35B. Hexachloroethane (67-72-1)			X												
36B. Indeno-(1,2,3-oc)-Pyrene (193-39-5)			X												
37B. Isophorone (78-59-1)			X												
38B. Naphthalene (91-20-3)			X												
39B. Nitrobenzene (98-95-3)			X												
40B. N-Nitrosodimethylamine (62-75-9)			X												
41B. N-nitrosodi-n-propylamine (621-64-7)			X												
42B. N-nitrosodiphenylamine (86-30-6)			X												
43B. Phenanthrene (85-01-8)			X												
44B. Pyrene (129-00-0)			X												
45B. 1,2,4 Tri-chlorobenzene (120-82-1)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
GC/MS FRACTION – PESTICIDES																
1P. Aldrin (309-00-2)			X													
2P. α-BHC (319-84-6)			X													
3P. β-BHC (58-89-9)			X													
4P. gamma-BHC (58-89-9)			X													
5P. δ-BHC (319-86-8)			X													
6P. Chlordane (57-74-9)			X													
7P. 4,4'-DDT (50-29-3)			X													
8P. 4,4'-DDE (72-55-9)			X													
9P. 4,4'-DDD (72-54-8)			X													
10P. Dieldrin (60-57-1)			X													
11P. α- Endosulfan (115-29-7)			X													
12P. β- Endosulfan (115-29-7)			X													
13P. Endosulfan Sulfate (1031-07-8)			X													
14P. Endrin (72-20-8)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
15P. Endrin Aldehyde (7421-93-4)			X												
16P Heptachlor (76-44-8)			X												
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued from page 3 of Form C)										OUTFALL NO. 002	
Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.											
1. POLLUTANT	2. EFFLUENT						3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value (1)	b. No. of Analyses
	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass					
a. Biochemical Oxygen Demand (BOD)	261.0	----	261.0	----	48.5	----	35	mg/L	---	---	---
b. Chemical Oxygen Demand (COD)	58.0	---	58.0	---	58.0	---	1	mg/L	---	---	---
c. Total Organic Carbon (TOC)	10.0	----	10.0	---	10.0	----	1	mg/L	---	---	---
d. Total Suspended Solids (TSS)	150.0	----	150.0	----	52.4	----	35	mg/L	---	---	---
e. Ammonia (as N)	42.9	----	42.9	----	6.7	----	33	mg/L	---	---	---
f. Flow (in units of MGD)	VALUE 0.18		VALUE 0.18		VALUE 0.12		297	MGD	VALUE ----		---
g. Temperature (winter)	VALUE 56.0		VALUE 56.0		VALUE 56.0		1	°F	VALUE ----		---
h. Temperature (summer)	VALUE 56.0		VALUE 56.0		VALUE 56.0		1	°F	VALUE ----		---
i. pH	MINIMUM 7.2	MAXIMUM 7.7	MINIMUM 7.2	MAXIMUM 7.7			297	STANDARD UNITS			

* The BOD, & TSS Maximum Values of 170 mg/L & 150 mg/L were do to the plant being upset by accidental overloading. The plant was shutdown and the Lagoons pumped out to bring back into compliance.

Part B - In the MARK "X" column, place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark the Believed Present column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS		6. INTAKE (optional)							
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses				
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass					
a. Bromide (24959-67-9)		X																
b. Bromine Total Residual		X																
c. Chloride		X																
d. Chlorine, Total Residual	X		1.50	----	1.50	----	0.75	----	269	mg/L								
e. Color		X																
f. Fecal Coliform	X		558.0	----	558.0	----	52.5		37	Col/100ml								
g. Fluoride (16984-48-8)		X																
h. Hardness (as CaCO ₃)		X																
i. Nitrate – Nitrite (as N)		X																
j. Nitrogen, Total Organic (as N)		X																
k. Oil and Grease		X																
l. Phosphorous (as P), Total 7723-14-0		X																
m. Radioactivity																		
(1) Alpha, Total		X																
(2) Beta, Total		X																
(3) Radium Total		X																
(4) Radium, 226, Total		X																

Part B - Continued														
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT								4. UNITS		5. INTAKE (optional)	
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value (1) (2)		b. Maximum 30-Day Value (if available) (1) (2)		c. Long-Term Avg. Value (if available) (1) (2)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value (1) (2)		b. No. of Analyses
n. Sulfate (as SO ₄) (14808-79-8)		X												
o. Sulfide (as S)		X												
p. Sulfite (as SO ₃) (14286-46-3)		X												
q. Surfactants		X												
r. Aluminum, Total (7429-90)		X												
s. Barium, Total (7440-39-3)		X												
t. Boron, Total (7440-42-8)		X												
u. Cobalt, Total (7440-48-4)		X												
v. Iron, Total (7439-89-6)		X												
w. Magnesium Total (7439-96-4)		X												
x. Molybdenum Total (7439-98-7)		X												
y. Manganese, Total (7439-96-6)		X												
z. Tin, Total (7440-31-5)		X												
aa. Titanium, Total (7440-32-6)		X												

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark “X” in the Testing Required column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark “X” in the Believed Present column for each pollutant you know or have reason to believe is present. Mark “X” in the Believed Absent column for each pollutant you believe to be absent. If you mark either the Testing Required or Believed Present columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT And CAS NO. (if available)	2. MARK “X”			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
METALS, CYANIDE AND TOTAL PHENOLS																
1M. Antimony Total (7440-36-0)			X													
2M. Arsenic, Total (7440-38-2)			X													
3M. Beryllium Total (7440-41-7)			X													
4M. Cadmium Total (7440-43-9)			X													
5M. Chromium Total (7440-43-9)			X													
6M. Copper Total (7550-50-8)			X													
7M. Lead Total (7439-92-1)			X													
8M. Mercury Total (7439-97-6)			X													
9M. Nickel, Total (7440-02-0)			X													
10M. Selenium, Total (7782-49-2)			X													
11M. Silver, Total (7440-28-0)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a.		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a.		b. No. of Analyses	
				Maximum Daily Value (1)	Mass (2)	Value (if available) (1)	Mass (2)	Value (if available) (1)	Mass (2)				Long-Term Avg Value (1)	Mass (2)		
METALS, CYANIDE AND TOTAL PHENOLS (Continued)																
12M. Thallium, Total (7440-28-0)			X													
13M. Zinc, Total (7440-66-6)			X													
14M. Cyanide, Total (57-12-5)			X													
15M. Phenols, Total			X													
DIOXIN																
2,3,7,8 Tetra- chlorodibenzo, P, Dioxin (1784-01-6)			X	DESCRIBE RESULTS:												
GC/MS FRACTION – VOLATILE COMPOUNDS																
1V. Acrolein (107-02-8)			X													
2V. Acrylonitrile (107-13-1)			X													
3V. Benzene (71-43-2)			X													
5V. Bromoform (75-25-2)			X													
6V. Carbon Tetrachloride (56-23-5)			X													
7V. Chloro- benzene (108-90-7)			X													
8V. Chlorodibro- methane (124-48-1)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
9V. Chloroethane (74-00-3)			X												
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichloro- bromomethane (75-71-8)			X												
14V. 1,1- Dichloroethane (75-34-3)			X												
15V. 1,2- Dichloroethane (107-06-2)			X												
16V. 1,1- Dichlorethylene ^e (75-35-4)			X												
17V. 1,2-Di- chloropropane (78-87-5)			X												
18V. 1,3- Dichloropro- pylene (452-75-6)			X												
19V. Ethyl- benzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)			X												
22V. Methylene Chloride (75-00-2)			X												
23V. 1,1,2,2- Tetrachloro- ethane (79-34-5)			X												
24V. Tetrachloro- ethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2- Trans- Dichloro- ethylene (156-60-5)			X												
27V. 1,1,1-Tri- chloroethane (71-55-6)			X												
28V. 1,1,2-Tri- chloroethane (79-00-5)			X												
29V. Trichloro- ethylene (79-01-6)			X												
30V. Vinyl Chloride (75-01-4)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
GC/MS FRACTION – ACID COMPOUNDS																
1A. 2-Chloro-phenol (95-57-8)			X													
2A. 2,4-Dichloro- Orophenol (120-83-2)			X													
3A. 2,4-Dimeth- ylphenol (105-67-9)			X													
4A. 4,6-Dinitro- o-cresol (534-52-1)			X													
5A. 2,4-Dinitro- phenol (51-28-5)			X													
6A. 2-Nitro- phenol (88-75-5)			X													
7A. 4-Nitro- phenol (100-02-7)			X													
8A. P-chloro- m- cresol (59-50-7)			X													
9A. Pentachloro- phenol (87-88-5)			X													
10A. Phenol (108-05-2)			X													
11A. 2,4,6-Tri- chlorophenol (88-06-2)			X													
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS																
1B. Acena- phthene (83-32-9)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a.		b. Maximum 30-Day		c. Long-Term Avg.		d. No. of Analyses	a. Concentration	b. Mass	a.		b. No. of Analyses	
				Maximum Daily Value (1)	Concentration	Value (if available) (1)	Mass (2)	Value (if available) (1)	Mass (2)				Long-Term Avg Value (1)	Concentration		Mass (2)
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)																
2B. Acena- phylyene (208-96-8)			X													
3B. Anthra- cene (120-12-7)			X													
4B. Benzidine (92-87-5)			X													
5B. Benzo(a)- anthracene (56-55-3)			X													
6B. Benzo(a)- pyrene (50-32-8)			X													
7B. 3,4-Benzo- fluoranthene (205-99-2)			X													
8B. Benzo(ghi) perylene (191-24-2)			X													
9B. Benzo(k)- fluoranthene (207-08-9)			X													
10B. Bis(2- chlor- oethoxy)- methane (111-91-1)			X													
11B. Bis (2-chlor- oisopropyl)- Ether			X													
12B. Bis (2-ethyl- hexyl)- phthalate (117-81-7)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)	
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
13B. 4-Bromo-phenyl Phenyl ether (101-55-3)			X												
14B. Butyl-benzyl phthalate (85-68-7)			X												
15B. 2-Chloro-naphthalene (7005-72-3)			X												
16B. 4-Chloro-phenyl phenyl ether (7005-72-3)			X												
17B. Chrysene (218-01-9)			X												
18B. Dibenzo-(a,h) Anthracene (53-70-3)			X												
19B. 1,2-Dichloro-benzene (95-50-1)			X												
20B. 1,3-Dichloro-Benzene (541-73-1)			X												
21B. 1,4-Dichloro-benzene (106-46-7)			X												
22B. 3,3-Dichloro-benzidene (91-94-1)			X												
23B. Diethyl Phthalate (84-66-2)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass							
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)																
24B. Dimethyl Phthalate (131-11-3)			X													
25B. Di-N- butyl Phthalate (84-74-2)			X													
26B. 2,4-Dinitro- toluene (121-14-2)			X													
27B. 2,6-Dinitro- toluene (606-20-2)			X													
28B. Di-n-octyl Phthalate (117-84-0)			X													
29B. 1,2- diphenyl- hydrazine (as azonbenzene) (122-66-7)			X													
30B. Fluoranthene (208-44-0)			X													
31B. Fluorene (86-73-7)			X													
32B. Hexachloro- benzene (118-71-1)			X													
33B. Hexachloro- butadiene (87-68-3)			X													
34B. Hexachloro- cyclopenta- diene (77-47-4)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass							
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)																
35B. Hexachloroethane (67-72-1)			X													
36B. Indeno-(1,2,3-oc)-Pyrene (193-39-5)			X													
37B. Isophorone (78-59-1)			X													
38B. Naphthalene (91-20-3)			X													
39B. Nitrobenzene (98-95-3)			X													
40B. N-Nitroso-dimethylamine (62-75-9)			X													
41B. N-nitrosodi-n-propylamine (621-64-7)			X													
42B. N-nitro-sodiphenylamine (86-30-6)			X													
43B. Phenanthrene (85-01-8)			X													
44B. Pyrene (129-00-0)			X													
45B. 1,2,4 Tri-chlorobenzene (120-82-1)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
GC/MS FRACTION – PESTICIDES																
1P. Aldrin (309-00-2)			X													
2P. α-BHC (319-84-6)			X													
3P. β-BHC (58-89-9)			X													
4P. gamma-BHC (58-89-9)			X													
5P. δ-BHC (319-86-8)			X													
6P. Chlordane (57-74-9)			X													
7P. 4,4'-DDT (50-29-3)			X													
8P. 4,4'-DDE (72-55-9)			X													
9P. 4,4'-DDD (72-54-8)			X													
10P. Dieldrin (60-57-1)			X													
11P. α- Endosulfan (115-29-7)			X													
12P. β- Endosulfan (115-29-7)			X													
13P. Endosulfan Sulfate (1031-07-8)			X													
14P. Endrin (72-20-8)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
GC/MS FRACTION – PESTICIDES																
15P. Endrin Aldehyde (7421-93-4)			X													
16P Heptachlor (76-44-8)			X													
17P. Heptachlor Epoxide (1024-57-3)			X													
18P. PCB-1242 (53469-21-9)			X													
19P. PCB-1254 (11097-69-1)			X													
20P. PCB-1221 (11104-28-2)			X													
21P. PCB-1232 (11141-16-5)			X													
22P. PCB-1248 (12672-29-6)			X													
23P. PCB-1260 (11096-82-5)			X													
24P. PCB-1016 (12674-11-2)			X													
25P. Toxaphene (8001-35-2)			X													

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued from page 3 of Form C)											OUTFALL NO.		003	
Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.														
1. POLLUTANT	2. EFFLUENT				3. UNITS (specify if blank)		4. INTAKE (optional)							
	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value (optional)		b. No of Analyses		
	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass			
a. Biochemical Oxygen Demand (BOD)	130.0	----	130.0	----	31.0	----	6	mg/L	---	---	---	---		
b. Chemical Oxygen Demand (COD)	38.0	----	38.0	----	38.0	----	1	mg/L	---	---	---	---		
c. Total Organic Carbon (TOC)	8.0	----	8.0	----	8.0	----	1	mg/L	---	---	---	---		
d. Total Suspended Solids (TSS)	720.0	----	720.0	----	165.4	----	6	mg/L	---	---	---	---		
e. Ammonia (as N)	0.10	----	0.10	----	0.10	----	1	mg/L	---	---	---	---		
f. Flow (in units of MGD)	VALUE 0.01		VALUE 0.01		VALUE 0.0047		5	MGD	VALUE ----		---			
g. Temperature (winter)	VALUE 56.0		VALUE 56.0		VALUE 56.0		1	°F	VALUE ----		---			
h. Temperature (summer)	VALUE 56.0		VALUE 56.0		VALUE 56.0		1	°F	VALUE ----		---			
i. pH	MINIMUM 6.8	MAXIMUM 7.8	MINIMUM 6.8	MAXIMUM 7.8			6	STANDARD UNITS						

*The Total Suspended Solids Maximum Value of 310 mg/L was do to heavy rainfall and silt buildup. The Biochemical Oxygen Demand Maximum Value of 240 mg/L is do to decaying vegetation. The next highest Total Suspended Solids value was 27 for the year. The next highest Biochemical Oxygen Demand value was 50 for the year.

Part B - In the MARK "X" column, place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark the Believed Present column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT								4. UNITS		6. INTAKE (optional)			
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses		
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass			
a. Bromide (24959-67-9)		X														
b. Bromine Total Residual			X													
c. Chloride			X													
d. Chlorine, Total Residual			X													
e. Color			X													
f. Fecal Coliform			X													
g. Fluoride (16984-48-8)			X													
h. Hardness (as CaCO ₃)			X													
i. Nitrate – Nitrite (as N)			X													
j. Nitrogen, Total Organic (as N)			X													
k. Oil and Grease	X			7.6	----	7.6	----	3.1	----	6	mg/L					
l. Phosphorous (as P), Total 7723-14-0		X														
m. Radioactivity																
(1) Alpha, Total		X														
(2) Beta, Total		X														
(3) Radium Total		X														
(4) Radium, 226, Total		X														

Part B - Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT								4. UNITS		5. INTAKE (optional)	
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
n. Sulfate (as SO ₄) (14808-79-8)		X												
o. Sulfide (as S)		X												
p. Sulfite (as SO ₃) (14286-46-3)		X												
q. Surfactants		X												
r. Aluminum, Total (7429-90)		X												
s. Barium, Total (7440-39-3)		X												
t. Boron, Total (7440-42-8)		X												
u. Cobalt, Total (7440-48-4)		X												
v. Iron, Total (7439-89-6)		X												
w. Magnesium Total (7439-96-4)		X												
x. Molybdenum Total (7439-98-7)		X												
y. Manganese, Total (7439-96-6)		X												
z. Tin, Total (7440-31-5)		X												
aa. Titanium, Total (7440-32-6)		X												

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark “X” in the Testing Required column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark “X” in the Believed Present column for each pollutant you know or have reason to believe is present. Mark “X” in the Believed Absent column for each pollutant you believe to be absent. If you mark either the Testing Required or Believed Present columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT And CAS NO. (if available)	2. MARK “X”			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
METALS, CYANIDE AND TOTAL PHENOLS																
1M. Antimony Total (7440-36-0)			X													
2M. Arsenic, Total (7440-38-2)			X													
3M. Beryllium Total (7440-41-7)			X													
4M. Cadmium Total (7440-43-9)			X													
5M. Chromium Total (7440-43-9)			X													
6M. Copper Total (7550-50-8)			X													
7M. Lead Total (7439-92-1)			X													
8M. Mercury Total (7439-97-6)			X													
9M. Nickel, Total (7440-02-0)			X													
10M. Selenium, Total (7782-49-2)			X													
11M. Silver, Total (7440-28-0)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a.		b. Maximum 30-Day		c. Long-Term Avg.		d. No. of Analyses	a. Concentration	b. Mass	a.		b. No. of Analyses	
				Maximum Daily Value (1)	Value (2)	Value (if available) (1)	Value (if available) (2)	Value (if available) (1)	Value (if available) (2)				Long-Term Avg Value (1)	Value (2)		
METALS, CYANIDE AND TOTAL PHENOLS (Continued)																
12M. Thallium, Total (7440-28-0)			X													
13M. Zinc, Total (7440-66-6)			X													
14M. Cyanide, Total (57-12-5)			X													
15M. Phenols, Total			X													
DIOXIN																
2,3,7,8 Tetra- chlorodibenzo, P, Dioxin (1784-01-6)			X	DESCRIBE RESULTS:												
GC/MS FRACTION – VOLATILE COMPOUNDS																
IV. Acrolein (107-02-8)			X													
2V. Acrylonitrile (107-13-1)			X													
3V. Benzene (71-43-2)			X													
5V. Bromoform (75-25-2)			X													
6V. Carbon Tetrachloride (56-23-5)			X													
7V. Chloro- benzene (108-90-7)			X													
8V. Chlorodibro- monethane (124-48-1)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
9V. Chloroethane (74-00-3)			X												
10V. 2-Chloro-ethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichloro-bromomethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)			X												
15V. 1,2-Dichloroethane (107-06-2)			X												
16V. 1,1-Dichloroethylen ^e (75-35-4)			X												
17V. 1,2-Dichloropropane (78-87-5)			X												
18V. 1,3-Dichloropro-pylene (452-75-6)			X												
19V. Ethyl-benzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
21V. Methyl Chloride (74-87-3)			X													
22V. Methylene Chloride (75-00-2)			X													
23V. 1,1,2,2- Tetrachloro- ethane (79-34-5)			X													
24V. Tetrachloro- ethylene (127-18-4)			X													
25V. Toluene (108-88-3)			X													
26V. 1,2- Trans- Dichloro- ethylene (156-60-5)			X													
27V. 1,1,1-Tri- chloroethane (71-55-6)			X													
28V. 1,1,2-Tri- chloroethane (79-00-5)			X													
29V. Trichloro- ethylene (79-01-6)			X													
30V. Vinyl Chloride (75-01-4)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chloro-phenol (95-57-8)			X												
2A. 2,4-Dichloro-Orophenol (120-83-2)			X												
3A. 2,4-Dimeth-ylphenol (105-67-9)			X												
4A. 4,6-Dinitro-o-cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)			X												
6A. 2-Nitro-phenol (88-75-5)			X												
7A. 4-Nitro-phenol (100-02-7)			X												
8A. P-chloro-m-cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-88-5)			X												
10A. Phenol (108-05-2)			X												
11A. 2,4,6-Tri-chlorophenol (88-06-2)			X												
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acena-phthene (83-32-9)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses	
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)																
2B. Acena- phylyene (208-96-8)			X													
3B. Anthra- cene (120-12-7)			X													
4B. Benzidine (92-87-5)			X													
5B. Benzo(a)- anthracene (56-55-3)			X													
6B. Benzo(a)- pyrene (50-32-8)			X													
7B. 3,4-Benzo- fluoranthene (205-99-2)			X													
8B. Benzo(ghi) perylene (191-24-2)			X													
9B. Benzo(k)- fluoranthene (207-08-9)			X													
10B. Bis(2- chlor- oethoxy)- methane (111-91-1)			X													
11B. Bis (2-chlor- oisopropyl)- Ether			X													
12B. Bis (2-ethyl- hexyl)- phthalate (117-81-7)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)	
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
13B. 4-Bromo-phenyl Phenyl ether (101-55-3)			X												
14B. Butyl-benzyl phthalate (85-68-7)			X												
15B. 2-Chloro-naphthalene (7005-72-3)			X												
16B. 4-Chloro-phenyl phenyl ether (7005-72-3)			X												
17B. Chrysene (218-01-9)			X												
18B. Dibenzo-(a,h) Anthracene (53-70-3)			X												
19B. 1,2-Dichloro-benzene (95-50-1)			X												
20B. 1,3-Dichloro-Benzene (541-73-1)			X												
21B. 1,4-Dichloro-benzene (106-46-7)			X												
22B. 3,3-Dichloro-benzidene (91-94-1)			X												
23B. Diethyl Phthalate (84-66-2)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)	
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
24B. Dimethyl Phthalate (131-11-3)			X												
25B. Di-N- butyl Phthalate (84-74-2)			X												
26B. 2,4-Dinitro- toluene (121-14-2)			X												
27B. 2,6-Dinitro- toluene (606-20-2)			X												
28B. Di-n-octyl Phthalate (117-84-0)			X												
29B. 1,2- diphenyl- hydrazine (as azonbenzene) (122-66-7)			X												
30B. Fluoranthene (208-44-0)			X												
31B. Fluorene (86-73-7)			X												
32B. Hexachloro- benzene (118-71-1)			X												
33B. Hexachloro- butadiene (87-68-3)			X												
34B. Hexachloro- cyclopenta- diene (77-47-4)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)	
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
35B. Hexachloroethane (67-72-1)			X												
36B. Indeno-(1,2,3-oc)-Pyrene (193-39-5)			X												
37B. Isophorone (78-59-1)			X												
38B. Naphthalene (91-20-3)			X												
39B. Nitrobenzene (98-95-3)			X												
40B. N-Nitrosodimethylamine (62-75-9)			X												
41B. N-nitrosodi-n-propylamine (621-64-7)			X												
42B. N-nitrosodiphenylamine (86-30-6)			X												
43B. Phenanthrene (85-01-8)			X												
44B. Pyrene (129-00-0)			X												
45B. 1,2,4 Tri-chlorobenzene (120-82-1)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
GC/MS FRACTION – PESTICIDES																
1P. Aldrin (309-00-2)			X													
2P. α-BHC (319-84-6)			X													
3P. β-BHC (58-89-9)			X													
4P. gamma-BHC (58-89-9)			X													
5P. δ-BHC (319-86-8)			X													
6P. Chlordane (57-74-9)			X													
7P. 4,4'-DDT (50-29-3)			X													
8P. 4,4'-DDE (72-55-9)			X													
9P. 4,4'-DDD (72-54-8)			X													
10P. Dieldrin (60-57-1)			X													
11P. α- Endosulfan (115-29-7)			X													
12P. β- Endosulfan (115-29-7)			X													
13P. Endosulfan Sulfate (1031-07-8)			X													
14P. Endrin (72-20-8)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
GC/MS FRACTION – PESTICIDES																
15P. Endrin Aldehyde (7421-93-4)			X													
16P Heptachlor (76-44-8)			X													
17P. Heptachlor Epoxide (1024-57-3)			X													
18P. PCB-1242 (53469-21-9)			X													
19P. PCB-1254 (11097-69-1)			X													
20P. PCB-1221 (11104-28-2)			X													
21P. PCB-1232 (11141-16-5)			X													
22P. PCB-1248 (12672-29-6)			X													
23P. PCB-1260 (11096-82-5)			X													
24P. PCB-1016 (12674-11-2)			X													
25P. Toxaphene (8001-35-2)			X													

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued from page 3 of Form C)											OUTFALL NO.		004	
Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.														
1. POLLUTANT	2. EFFLUENT						3. UNITS (specify if blank)		4. INTAKE (optional)					
	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No of Analyses		
	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass			
a. Biochemical Oxygen Demand (BOD)	5.0	----	5.0	----	5.0	----	1	mg/L	----		----	----		
b. Chemical Oxygen Demand (COD)	64.0	----	64.0	----	64.0	----	1	mg/L	----		----	----		
c. Total Organic Carbon (TOC)	20.0	----	20.0	----	20.0	----	1	mg/L	----		----	----		
d. Total Suspended Solids (TSS)	470.0	----	470.0	----	112.5	----	6	mg/L	----		----	----		
e. Ammonia (as N)	0.10	----	0.10	----	0.10	----	1	mg/L	----		----	----		
f. Flow (in units of MGD)	VALUE 0.01		VALUE 0.01		VALUE 0.0052		6	MGD		VALUE ----		----		
g. Temperature (winter)	VALUE 56.6		VALUE 56.6		VALUE 56.6		1	°F		VALUE ----		----		
h. Temperature (summer)	VALUE 56.6		VALUE 56.6		VALUE 56.6		1	°F		VALUE ----		----		
i. pH	MINIMUM 7.3	MAXIMUM 7.8	MINIMUM 7.3	MAXIMUM 7.8			6	STANDARD UNITS						

Part B - In the MARK "X" column, place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark the Believed Present column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)															2. MARK "X"		3. EFFLUENT								4. UNITS		6. INTAKE (optional)			
a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses																	
		(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass																		
a. Bromide (24959-67-9)		X																												
b. Bromine Total Residual		X																												
c. Chloride		X																												
d. Chlorine, Total Residual		X																												
e. Color		X																												
f. Fecal Coliform		X																												
g. Fluoride (16984-48-8)		X																												
h. Hardness (as CaCO ₃)		X																												
i. Nitrate – Nitrite (as N)		X																												
j. Nitrogen, Total Organic (as N)		X																												
k. Oil and Grease	X		180.0	----	180.0	----	32.8	----	6	mg/L																				
l. Phosphorous (as P), Total 7723-14-0		X																												
m. Radioactivity																														
(1) Alpha, Total		X																												
(2) Beta, Total		X																												
(3) Radium Total		X																												
(4) Radium, 226, Total		X																												

Part B - Continued														
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
n. Sulfate (as SO ₄) (14808-79-8)		X												
o. Sulfide (as S)		X												
p. Sulfite (as SO ₃) (14286-46-3)		X												
q. Surfactants		X												
r. Aluminum, Total (7429-90)		X												
s. Barium, Total (7440-39-3)		X												
t. Boron, Total (7440-42-8)		X												
u. Cobalt, Total (7440-48-4)		X												
v. Iron, Total (7439-89-6)		X												
w. Magnesium Total (7439-96-4)		X												
x. Molybdenum Total (7439-98-7)		X												
y. Manganese, Total (7439-96-6)		X												
z. Tin, Total (7440-31-5)		X												
aa. Titanium, Total (7440-32-6)		X												

Part C - If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the Testing Required column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Mark "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark either the Testing Required or Believed Present columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
METALS, CYANIDE AND TOTAL PHENOLS															
1M. Antimony Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)			X												
3M. Beryllium Total (7440-41-7)			X												
4M. Cadmium Total (7440-43-9)			X												
5M. Chromium Total (7440-43-9)			X												
6M. Copper Total (7550-50-8)			X												
7M. Lead Total (7439-92-1)			X												
8M. Mercury Total (7439-97-6)			X												
9M. Nickel, Total (7440-02-0)			X												
10M. Selenium, Total (7782-49-2)			X												
11M. Silver, Total (7440-28-0)			X												

Part C - Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS		5. INTAKE (optional)		
			a. Maximum Daily Value (1)		b. Maximum 30-Day Value (if available) (1)		c. Long-Term Avg. Value (if available) (1)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value (1)	b. No. of Analyses
	a. Testing Required	a. Believed Present	b. Believed Absent	(2) Concentration Mass	(2) Concentration Mass	(2) Concentration Mass	(2) Concentration Mass	(2) Concentration Mass				(2) Mass	
METALS, CYANIDE AND TOTAL PHENOLS (Continued)													
12M. Thallium, Total (7440-28-0)			X										
13M. Zinc, Total (7440-66-6)			X										
14M. Cyanide, Total (57-12-5)			X										
15M. Phenols, Total			X										
DIOXIN													
2,3,7,8 Tetra-chlorodibenzo, P, Dioxin (1784-01-6)			X										
GC/MS FRACTION - VOLATILE COMPOUNDS													
DESCRIBE RESULTS:													
IV. Acrolein (107-02-8)			X										
2V. Acrylonitrile (107-13-1)			X										
3V. Benzene (71-43-2)			X										
5V. Bromoform (75-25-2)			X										
6V. Carbon Tetrachloride (56-23-5)			X										
7V. Chloro-benzene (108-90-7)			X										
8V. Chlorodibromomethane (124-48-1)			X										

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
9V. Chloroethane (74-00-3)			X												
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichloro- bromomethane (75-71-8)			X												
14V. 1,1- Dichloroethane (75-34-3)			X												
15V. 1,2- Dichloroethane (107-06-2)			X												
16V. 1,1- Dichloroethylen e (75-35-4)			X												
17V. 1,2-Di- chloropropane (78-87-5)			X												
18V. 1,3- Dichloropro- pylene (452-75-6)			X												
19V. Ethyl- benzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)			X												
22V. Methylene Chloride (75-00-2)			X												
23V. 1,1,2,2- Tetrachloro- ethane (79-34-5)			X												
24V. Tetrachloro- ethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2- Trans- Dichloro- ethylene (156-60-5)			X												
27V. 1,1,1-Tri- chloroethane (71-55-6)			X												
28V. 1,1,2-Tri- chloroethane (79-00-5)			X												
29V. Trichloro- ethylene (79-01-6)			X												
30V. Vinyl Chloride (75-01-4)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chloro-phenol (95-57-8)			X												
2A. 2,4-Dichloro-Orophenol (120-83-2)			X												
3A. 2,4-Dimeth-ylphenol (105-67-9)			X												
4A. 4,6-Dinitro-o-cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)			X												
6A. 2-Nitro-phenol (88-75-5)			X												
7A. 4-Nitro-phenol (100-02-7)			X												
8A. P-chloro-m-cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-88-5)			X												
10A. Phenol (108-05-2)			X												
11A. 2,4,6-Tri-chlorophenol (88-06-2)			X												
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acena-phthene (83-32-9)			X												

Part C – Continued															
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
2B. Acena- phyrene (208-96-8)			X												
3B. Anthra- cene (120-12-7)			X												
4B. Benzidine (92-87-5)			X												
5B. Benzo(a)- anthracene (56-55-3)			X												
6B. Benzo(a)- pyrene (50-32-8)			X												
7B. 3,4-Benzo- fluoranthene (205-99-2)			X												
8B. Benzo(ghi) perylene (191-24-2)			X												
9B. Benzo(k)- fluoranthene (207-08-9)			X												
10B. Bis(2- chlor- oethoxy)- methane (111-91-1)			X												
11B. Bis (2-chlor- oisopropyl)- Ether			X												
12B. Bis (2-ethyl- hexyl)- phthalate (117-81-7)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses		
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass			
G/C/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)																	
13B. 4-Bromo-phenyl Phenyl ether (101-55-3)			X														
14B. Butyl-benzyl phthalate (85-68-7)			X														
15B. 2-Chloro-naphthalene (7005-72-3)			X														
16B. 4-Chloro-phenyl phenyl ether (7005-72-3)			X														
17B. Chrysene (218-01-9)			X														
18B. Dibenzo-(a,h) Anthracene (53-70-3)			X														
19B. 1,2-Dichloro-benzene (95-50-1)			X														
20B. 1,3-Dichloro-Benzene (541-73-1)			X														
21B. 1,4-Dichloro-benzene (106-46-7)			X														
22B. 3,3-Dichloro-benzidene (91-94-1)			X														
23B. Diethyl Phthalate (84-66-2)			X														

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
24B. Dimethyl Phthalate (131-11-3)			X												
25B. Di-N- butyl Phthalate (84-74-2)			X												
26B. 2,4-Dinitro- toluene (121-14-2)			X												
27B. 2,6-Dinitro- toluene (606-20-2)			X												
28B. Di-n-octyl Phthalate (117-84-0)			X												
29B. 1,2- diphenyl- hydrazine (as azonbenzene) (122-66-7)			X												
30B. Fluoranthene (208-44-0)			X												
31B. Fluorene (86-73-7)			X												
32B. Hexachloro- benzene (118-71-1)			X												
33B. Hexachloro- butadiene (87-68-3)			X												
34B. Hexachloro- cyclopenta- diene (77-47-4)			X												

Part C – Continued

Part C – Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass							
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)																
35B. Hexachloroethane (67-72-1)			X													
36B. Indeno-(1,2,3-oc)-Pyrene (193-39-5)			X													
37B. Isophorone (78-59-1)			X													
38B. Naphthalene (91-20-3)			X													
39B. Nitrobenzene (98-95-3)			X													
40B. N-Nitrosodimethylamine (62-75-9)			X													
41B. N-nitrosodi-n-propylamine (621-64-7)			X													
42B. N-nitrosodiphenylamine (86-30-6)			X													
43B. Phenanthrene (85-01-8)			X													
44B. Pyrene (129-00-0)			X													
45B. 1,2,4 Tri-chlorobenzene (120-82-1)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses	
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
GC/MS FRACTION – PESTICIDES																
1P. Aldrin (309-00-2)			X													
2P. α-BHC (319-84-6)			X													
3P. β-BHC (58-89-9)			X													
4P. gamma-BHC (58-89-9)			X													
5P. δ-BHC (319-86-8)			X													
6P. Chlordane (57-74-9)			X													
7P. 4,4'-DDT (50-29-3)			X													
8P. 4,4'-DDE (72-55-9)			X													
9P. 4,4'-DDD (72-54-8)			X													
10P. Dieldrin (60-57-1)			X													
11P. α- Endosulfan (115-29-7)			X													
12P. β- Endosulfan (115-29-7)			X													
13P. Endosulfan Sulfate (1031-07-8)			X													
14P. Endrin (72-20-8)			X													

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)		b. No. of Analyses	
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration		(2) Mass
GC/MS FRACTION – PESTICIDES															
15P. Endrin Aldehyde (7421-93-4)			X												
16P Heptachlor (76-44-8)			X												
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

TOPOGRAPHIC MAP SHOWING OUTFALL LOCATIONS

**LETTER TO DEP/EPPC
REGARDING SYSTEM
IMPROVEMENTS**

**(FOR FORM C SECTION
IV)**

May 9, 2006

Erin Martin, Environmental Enforcement Specialist
Division of Enforcement/EPPC
Reilly Road Office Park
Frankfort, Kentucky 40601

Re: Austin Nichols & Co. DBA Wild Turkey Distillery
AI #28, Activity # ELW20060001
KPDES # KY0001643

Dear Ms. Martin:

This letter is in response to your letter of May 2nd discussing wastewater discharges at our Anderson County facility. As you pointed out, exceedances of BOD, TSS, TRC and Fecal Coliform were noted by your office throughout the year 2005. By this letter we would like to relate our efforts at obtaining and maintaining compliance at outfall 002 over the past two and one-half years. We will attempt to do so in a chronological fashion. The attached tables should be helpful in understanding this.

In late 2003, in response to operational problems with the lagoon system, management decided to hire Hall Environmental Consultants of Versailles, Kentucky, to evaluate the performance of the lagoons. In November of that year we began what has turned into a long series of evaluations and improvements to the treatment system. In the table attached is a list of the work completed with the date of completion, cost and details for each improvement. Several items from the attached table are noteworthy such as:

- Daily dissolved oxygen readings allow us to better predict possible upsets due to high loadings
- Baffles in lagoon #3 (final lagoon) have increased TSS removals by approximately 50%
- Nutrient feed has increased reduction of BOD by up to 40%
- Dechlorination system installation has provided reliable TRC compliance since May, 2005

However, as you have noted in your letter, excursions of permit limitations have occurred in 2005. Based on flow measurements and influent sample analyses (1/2006 through 3/2006) we believe that, despite the improvements, non-compliance still occurs due to increased loadings as a result of increased production.

In order to address this issue we have developed what we believe to be an aggressive schedule of additional investigations and improvements to achieve and maintain compliance. Attached is a table detailing these items. Highlights are as follows:

- Automation of nutrient system should help to optimize BOD and TSS treatment
- Hall Environmental Consultants has recently been charged with performing a lagoon detention time study to help establish design parameters for a baffle curtain system in lagoons #1 and #2 to maximize detention time and treatment for BOD and TSS. Results of the detention time study will determine if baffles are needed and/or feasible.
- Bi-monthly sludge thickness measurements of lagoon #3 will be taken beginning in May of 2006. Sludge thickness will be tracked to determine when the next lagoon cleanout will be needed. Sludge build up in lagoons is often a significant contributor to elevated TSS. This item will help track any excessive sludge accumulation.

Also, a KPDES renewal application will be submitted by July 31st. During the permitting process we intend to actively discuss permit limitations with the permit writer. The Statement of Basis in the current permit appears to have mass limitations based on a 1975 draft guidance document from EPA for regulatory limits never promulgated. Hopefully, these negotiations will lead to permit limitations similar to those at other distilleries that are protective of water quality and will allow us to operate our business at enhanced production levels.

Finally, your letter discussed TSS exceedences at outfall 001, non-contact cooling water discharge. Typical of such a discharge only very low levels of TSS are expected to be present. However, because the outfall is on a cliffside we are only able to sample at the base of the cliff. After traveling 200 vertical feet and 300 horizontal feet over rocky terrain covered with soil and vegetation, this discharge picks up significant amounts of naturally occurring solid matter thus exceeding permit limitations. Unfortunately, we have no control over this situation. We have discussed these circumstances on several occasions with inspectors in the past. DMRs have usually had a statement to this effect in the "comments" section.

We appreciate your attention in this matter and look forward to hearing from you. If you have any questions or would like to discuss this matter further please call me at 502-839-4544.

Sincerely,

Gregg Snyder, Vice President

Cc: Tab Farthing, Hall Environmental Consultants
Laura Keller, Stites and Harbison

Completed Lagoon System Improvements

Date(s)	Item	Capital Cost	Annual Operating Cost	Details
12/2003 (initiated)	Daily Dissolved Oxygen	\$ 0	\$ 6,000	Daily dissolved oxygen readings in all lagoons at various points
12/2003 – 3/2004	Lagoon Performance Study	\$19,000	\$ 0	Initial study to examine lagoon performance, loadings and engineering characteristics
12/2004 (completed)	Lagoon #3 Baffles	\$ 5,500	\$ 0	Baffle curtain in final lagoon to lower Total Suspended Solids (TSS)
1/2005 (completed)	Nutrient Feed System	\$ 1,800	\$ 5,000	Nitrogen and phosphorus feed system to correct nutrient deficiency in treatment lagoons
5/2005 (completed)	Dechlorination System	\$ 800	\$ 2,000	Sodium bisulfite feed system to meet Total Residual Chlorine (TRC) permit limit
10/2005 (completed)	Evaporator System Optimization	\$ 2,000	\$ 0	Optimization of the evaporator system where the majority of wastewater originates
1/2006 – 3/2006	Influent Analysis/Nutrient Optimization	\$ 1,600	\$ 0	Sampling and analysis of lagoon influent to optimize nutrient feed rates
3/2006	Environ Environmental Consultant	\$ 2,000	\$ 0	Environmental consultant reviewed work completed and to offer suggestions for future work as a second opinion to Hall Environmental Consultants findings

Proposed Lagoon System Improvements

Proposed Completion Date	Item	Estimated Capital Cost	Estimated Annual Operating Cost	Details
5/2006	Baffle Effluent Chamber	\$ 1,000	\$ 0	Baffling of effluent chamber to ensure adequate contact time for disinfection and to enhance TSS removal by settling
6/2006	Automate Nutrient Feed System	\$ 200	\$ 0	Synchronize nutrient feed rates with wastewater flow rates to ensure proper nutrient dosage
6/2006	Lagoon Detention Time Study	\$ 4,000	\$ 0	Examine detention times in treatment lagoons #1 and #2 to design baffle size and locations (see below)
Ongoing (begins 5/2006)	Lagoon #3 Sludge Thickness Measurements	\$ 0	\$ 2,400	Measurement of sludge thickness to estimate when lagoon cleanout will need to take place
9/2006	Baffling Lagoons #1 and #2	\$ 15,000	\$ 0	If detention time study shows it is needed, baffle lagoons #1 and #2 to maximize detention time and improve biochemical oxygen demand (BOD) removal
12/2006	Sampling and Analysis to Determine Cleanout and Baffling Effectiveness (If either or both items are needed)	\$ 6,000	\$ 0	Additional lagoon sampling to gauge effectiveness of sludge cleanout and baffle installation if either or both items are needed
1/2007	New KPDES Permit Negotiations and Issuance	\$ 4,000	\$ 0	New permit issuance with equitable standards based on 401 KAR 5:031 instead of overly stringent 1975 standards that were never promulgated

**AERIAL PHOTOGRAPH
SHOWING OUTFALL
LOCATIONS**



ERNIE FLETCHER
GOVERNOR

ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

LAJUANA S. WILCHER
SECRETARY

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

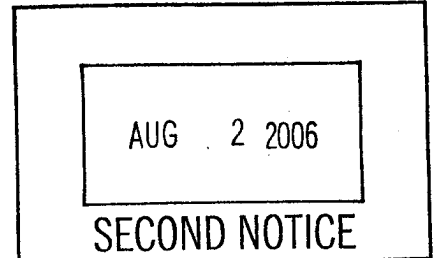
DIVISION OF WATER

14 REILLY ROAD

FRANKFORT, KENTUCKY 40601-1190

www.kentucky.gov

July 17, 2006



Mr. Ron McClelland
Austin Nichols & Company, Incorporated
1525 Tyrone Road
Lawrenceburg, Kentucky 40342

RE: KPDES No. KY0001643

Austin Nichols & Company, Incorporated
Anderson County, Kentucky

Dear Mr. McClelland:

Our records indicate that your Kentucky Pollutant Discharge Elimination System (KPDES) permit is due to expire on January 31, 2007. According to the KPDES Regulation 401 KAR 5:060, "any person with a currently effective permit shall submit a new application at least 180 days before the expiration of the existing permit..." **The due date for your permit renewal application is August 15, 2006.**

Please complete the enclosed application forms and return to the KPDES Branch, Division of Water, at the above address by the indicated due date. Applications received after the due date are in violation of 401 KAR 5:060, Section 1, which could result in enforcement action being taken.

If you have any questions regarding the completion of these forms, please contact me at (502) 564-2225, extension 470.

Sincerely,

Vickie Prather, Acting Supervisor

Inventory and Data Management Section
KPDES Branch
Division of Water

VLP:ASW:asw
Enclosures
C: Frankfort Regional Office
Division of Water Files